

T MEDIUM YELLOW NO. 46804

MSDS Code: 790-755

Revision Date: 10/14/1999

Date Printed: 01/29/2001

NFPA Classification:**Health:** 1
Flammability: 0
Instability: 0
Special Hazards:**HMS Classification:****Health:** 2 *
Flammability: 0
Reactivity: 0
Personal Protection:

* Indicates possible chronic health effects.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**Common Name:** Universal Dispersion of C.I. Pigment Yellow 74 And C.I. Pigment Yellow 83**Chemical Name:** Universal Dispersion Of C.I. Pigment Yellow 74 And C.I. Pigment Yellow 83**Product Use:** NA**Supplier:** ENGELHARD CORPORATION
SPECIALTY PIGMENTS & ADDITIVES
101 WOOD AVENUE
ISELIN, NJ 08830-0770
1-732-205-6913 FOR CUSTOMER SERVICE
1-502-775-7288 FOR ENVIRONMENT, HEALTH, AND SAFETYFor Chemical Emergency Call CHEMTREC (24 hours):
1-800-424-9300 (US, Canada, Puerto Rico, Virgin Islands)
1-703-527-3887 (Outside Above Area)**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Notes</u>
Hydrated Magnesium Silicate 14807-96-6	15-25 PPH	None.
Ethylene Glycol 107-21-1	15-25 PPH	None.
Water 7732-18-5	15-25 PPH	None.
CI Pigment Yellow 74 6358-31-2	10-20 PPH	None.
CI Pigment Yellow 83 6567-15-7	10-20 PPH	None.

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Diethylene Glycol 111-46-6	5-15 PPH	None.
Ethoxylated Nonyl Phenol 9016-45-9	1-10 PPH	None.

Other Information: NOTE: The percentage by weight values reported for this product represent approximate formulation values.

3. HAZARDS IDENTIFICATION

Emergency Overview:

Color: Yellow
Form: Liquid
Odor: Odorless
Flash Point, °C: Not Determined

Most Important Hazards: May irritate eyes. MAY CAUSE EYE BURNS. Prolonged or repeated exposure effects: May cause skin irritation. Chronic Overexposure Effects: Gastrointestinal system disorders. Central nervous system damage. May cause kidney damage. Causes respiratory tract irritation. May result in dizziness and drowsiness.

Potential Health Effects:

Inhalation: Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.

Ingestion: May cause tissue damage. May cause central nervous system effects. May cause liver and kidney damage. May be fatal if swallowed.

Skin Contact: Prolonged or repeated contact may cause skin irritation.

Eye Contact: Causes eye irritation. May cause eye burns.

Other Effects: NOTE: Excessive ingestion and/or inhalation of GLYCOL COMPOUNDS has caused fetal effects in laboratory animals. NOTE: Inhalation of vapor and/or mist may be significant if material is heated or agitated/sprayed.

Carcinogenicity:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>NTP (Y/N)</u>	<u>IARC (See Notes)</u>	<u>OSHA (Y/N)</u>	<u>ACGIH (See Notes)</u>
Hydrated Magnesium Silicate 14807-96-8	15-25 PPH	N	N3	N	A4
Ethylene Glycol 107-21-1	15-25 PPH	N	N	N	A4
Water 7732-18-5	15-25 PPH	N	N	N	N
CI Pigment Yellow 74 6358-31-2	10-20 PPH	N	N	N	N

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CI Pigment Yellow 83 5567-15-7	10-20 PPH	N	N	N	N
Diethylene Glycol 111-46-6	5-15 PPH	N	N	N	N
Ethoxylated Nonyl Phenol 9016-45-9	1-10 PPH	N	N	N	N

Notes:

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classifiable as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspected human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

Chronic Health Hazards: May cause liver and kidney damage. May cause formation of bladder stones. May cause bladder cancer.

Aggravated Medical Conditions: Kidney disorders. Liver disorders. Neurological ailments.

4. FIRST AID MEASURES

Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.

Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point, °C: Not Determined
Autoignition Temperature, °C: Not Determined
Lower Explosive Limit, %: Not Determined
Upper Explosive Limit, %: Not Determined

Extinguishing Media: Water, Carbon dioxide, Foam.

Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing.

Unusual Fire and Explosion Hazards: Not a fire or explosion hazard. Toxic vapors are emitted in a fire condition.

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6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Contain spillage. Neutralize with sodium bicarbonate, soda ash or lime. Soak up spill using an absorbent. Scoop into a suitable container.

7. HANDLING AND STORAGE

Wash thoroughly after handling.
Keep container closed.
Keep from freezing.
Avoid breathing mist.
Avoid contact with eyes, skin and clothing.
Use only with adequate ventilation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>OSHA PEL:</u>	<u>ACGIH TLV:</u>
Hydrated Magnesium Silicate 14807-96-6	15-25 PPH	2 mg/m3 (Containing no asbestos fibers, respirable dust)	2 mg/m3 (Containing no asbestos fibers, respirable dust)
Ethylene Glycol 107-21-1	15-25 PPH	50 ppm Ceiling	39.4 ppm Ceiling
Water 7732-18-5	15-25 PPH	None Established	None Established
CI Pigment Yellow 74 5358-31-2	10-20 PPH	None Established	None Established
CI Pigment Yellow 83 5567-15-7	10-20 PPH	None Established	None Established
Diethylene Glycol 111-46-6	5-15 PPH	None Established	None Established
Ethoxylated Nonyl Phenol 9016-45-9	1-10 PPH	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2000 standards. Unless otherwise noted, all OSHA PELs refer to 29 CFR Part 1910 Air Contaminants: Final Rule, January 19, 1989.

PEL TLV NOTE: Ingredient(s) are in a liquid phase. Not all exposure values may be applicable. Not expected to
Notes: present an inhalation hazard.

Personal Protective Equipment: Safety glasses with side shields. Rubber or neoprene gloves.

Respiratory Protection: Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

Ventilation: General ventilation. Local exhaust ventilation is recommended to control exposures to within applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Color: Yellow
Odor: Odorless

Vapor Pressure: Max: 17.5mm Hg
Specific Gravity: Min: 1 Max: 2
Evaporation Rate: Much < 1
Solubility (in water): Dispersible
pH: Min: 7.6 Max: 9.5

10. STABILITY AND REACTIVITY

Stability Data: Stable

Conditions/Hazards to Avoid: None anticipated

Incompatibility (Materials to Avoid): None anticipated.

Hazardous Decomposition Products: Oxides of carbon.

Polymerization: None anticipated.

Polymerization - Avoid: None anticipated.

11. TOXICOLOGICAL INFORMATION

Information on Product:

Information on Components:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Acute Toxicity - Oral</u>	<u>Acute Toxicity - Inhalation</u>	<u>Acute Toxicity - Dermal</u>	<u>Acute Toxicity - Other</u>
Hydrated Magnesium Silicate 14807-96-6	15-25 PPH	Not Available	Not Available	Not Available	Not Available
Ethylene Glycol 107-21-1	15-25 PPH	5,500 mg/kg (child)	Not Available	Not Available	Not Available
Water 7732-18-5	15-25 PPH	Not Available	Not Available	Not Available	Not Available
CI Pigment Yellow 74 6358-31-2	10-20 PPH	> 5000 mg/kg (rat)	Not Available	Not Available	Not Available
CI Pigment Yellow 83 5567-15-7	10-20 PPH	> 5000 mg/kg (rat)	Not Available	Not Available	Not Available
Diethylene Glycol 111-46-6	5-15 PPH	21,000 mg (rat)	Not Available	Not Available	Not Available

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Ethoxylated Nonyl Phenol 9016-45-9	1-10 PPH	1,310 mg/kg (rat)	Not Available	Not Available	Not Available
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12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate: No data available.

Ecotoxicological Information: No data available.

13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated

Disposal of Waste Method: Local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

14. TRANSPORT INFORMATION

International Transport Regulations:

UN/PIN Number: Not Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

15. REGULATORY INFORMATION

International Inventories:

United States:

Canada: Not Determined

Europe: Not Determined

Japan: Not Determined

Australia: Not Determined

Korea: Not Determined

US Federal Regulations:

<u>Ingredient</u>	<u>Weight In Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Hydrated Magnesium Silicate 14807-96-6	15-25 PPH	No

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Ethylene Glycol 107-21-1	15-25 PPH	Yes
Water 7732-18-5	15-25 PPH	No
CI Pigment Yellow 74 6358-31-2	10-20 PPH	No
CI Pigment Yellow 83 5567-15-7	10-20 PPH	No
Diethylene Glycol 111-46-6	5-15 PPH	No
Ethoxylated Nonyl Phenol 9016-45-9	1-10 PPH	No

SARA 311/312 Hazard Categories:

Acute Health Hazard Chronic Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

VOC Content: 360 g/L

US State Regulations:

California Proposition 65 - Carcinogen:

WARNING: This product contains chemicals known to the State of California to cause cancer.

VOC Content (CARB): 475

Canadian Regulations:

WHMIS Classification:

Not Determined

16. OTHER INFORMATION

Revision number: 2

Prepared By: Engelhard Corporate Environmental Health & Safety Group

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is current. Copyright Engelhard Corporation. License granted to make unlimited copies for internal use only. End of MSDS.....